

| Form PTO-1449<br>(MODIFIED)   |                 | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |            | ATTY. DOCKET NO.<br>077826-2002       | SERIAL NO.<br>09/991,583 |           |                              |
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| INFORMATION DISCLOSURE CITATION<br><br>(Use several sheets if necessary)  |                 | APPLICANT   |            | Syed Z. Salahuddin                    |                          |           |                              |
|   |                 | FILING DATE<br>11/16/2001   |            | GROUP ART UNIT<br>1645 1651           |                          |           |                              |
| U.S. PATENT DOCUMENTS   |                 |   |            |                                       |                          |           |                              |
| EXAMINER INITIAL  | REF             | DOCUMENT NUMBER   | DATE       | NAME                                  | CLASS                    | SUB-CLASS | FILING DATE IF APPROPRIATE   |
| <i>cg</i>   | A1              | 6,146,889   | 11/14/2000 | Reid, et al.                          |                          |           | <i>AP 30 MAY 02 2002</i>     |
|   |                 |   |            |                                       |                          |           | <i>RECEIVED</i>              |
|   |                 |   |            |                                       |                          |           | <i>MAY 02 2002</i>           |
|   |                 |   |            |                                       |                          |           | <i>TECH CENTER 1000/2900</i> |
| FOREIGN PATENT DOCUMENTS  |                 |   |            |                                       |                          |           |                              |
|   | REF             | DOCUMENT NUMBER   | DATE       | COUNTRY                               | CLASS                    | SUB-CLASS | TRANSLATION<br>YES NO        |
|   |                 |   |            |                                       |                          |           |                              |
|   |                 |   |            |                                       |                          |           |                              |
|   |                 |   |            |                                       |                          |           |                              |
|   |                 |   |            |                                       |                          |           |                              |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  |                 |   |            |                                       |                          |           |                              |
| <i>NO COPY</i>  | A2              | Arima, et al., "Effects of Extracellular Matrix on Rat Kupffer Cell Functions in Vitro," <i>Cells of the hepatic Sinusoid</i> , 7:68-69 (1999).   |            |                                       |                          |           |                              |
| <i>cg</i>   | A3              | Gendrault, et al., "Interaction of Cultured Human Kupffer Cells with HIV-Infected CEM Cells: An Electron Microscopic Study," <i>Pathobiology</i> , 59:223-226 (1991).   |            |                                       |                          |           |                              |
| <i>cg</i>   | A4              | Marianneau, et al., "Infection of Primary Cultures of Human Kupffer Cells by Dengue Virus: No Viral Progeny Synthesis, but Cytokine Production Is Evident," <i>Journal of Virology</i> , 73(6):5201-5206 (1999).                    |            |                                       |                          |           |                              |
| <i>cg</i>   | A5              | Schmitt, et al., "Multiplication of Human Immunodeficiency Virus in Primary Cultures of Human Kupffer Cells – Possible Role of Liver Macrophage Infection in the Physiopathology of AIDS," <i>Res. Virol.</i> , 141:143-152 (1990). |            |                                       |                          |           |                              |
| EXAMINER  | <i>Alvin SL</i> |   |            | DATE CONSIDERED<br><i>1 June 2007</i> |                          |           |                              |
| <ul style="list-style-type: none"> <li>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.</li> </ul> |                 |   |            |                                       |                          |           |                              |